

Angular Packages

1. @angular/core

- Provides essential pre-defined decorators, classes, interfaces and modules that are needed to run every angular application.
- Ex: @Component, @NgModule, @Pipe, @Directive, @Injectable, @Inject, NgZone, OnChanges, OnInit, AppModule etc.

2. @angular/common

- Provides built-in directives that are useful for most of the real-time applications.
- Ex: ngIf, ngSwitch, ngClass, ngFor etc.

3. @angular/compiler

- Compiles "templates" (html code) into "javascript code".

4. @angular/platform-browser-dynamic

- Invokes the angular compiler (JIT compilation) and specifies the startup module and also start executing the application.

5. @angular/platform-browser

- Provides a set of pre-defined classes that are related to DOM and browser interaction.
- Ex: BrowserModule.

6. @angular/forms

- Provides necessary pre-defined classes that are related to are needed to create and execute angular forms.
- Ex: FormsModule, ReactiveFormsModule, Validators, ngModel, ngForm etc.

7. @angular/router

- Provides necessary pre-defined classes that are needed to create and execute angular routes.
- Ex: RouterModule, Routes, ActivatedRoute, CanActivate, routerLink etc.

8. @angular/animations

- Provides necessary pre-defined classes that are needed to create and execute angular animations.
- Ex: BrowserAnimationsModule, animate, state, style, transition etc.

9. @angular/http

- Provides a set of pre-defined classes that are needed to create and execute REST-API calls using AJAX technique.
- Ex: HttpClientModule.

10. @angular/cli

- Provides necessary pre-defined commands that are needed to create, compile, build, add items in angular applications.
- Ex: ng new, ng serve, ng build, ng test etc.

11. rxjs

- Provides necessary pre-defined classes for creating Observables, which are needed to represent the response of REST-API calls of AJAX.
- Ex: Observable, Observer, Subject etc.

12. zone.js

- Provides necessary pre-defined classes for executing "change detection processes", while executing angular app.